

Docket No. 261302US90PCT



JCO2 Rec'd PCT/PTO 24 MAY 2005

10/512075

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Takayuki NAKACHI, et al.

SERIAL NO: 10/512,075

GAU:

FILED: November 5, 2004

EXAMINER:

FOR: ENCODING METHOD, DECODING METHOD, ENCODING APPARATUS AND DECODING APPARATUS

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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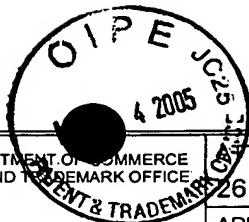
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Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEPRIORITY DOCKET NO.  
261302US90PCTSERIAL NO.  
10/512,075

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT  
Takayuki NAKACHI, et al.FILING DATE  
November 5, 2004

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO					
	AP					
	AQ					
	AR					
	AS					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AT	Edited by Institute of Image Information and Television Engineers, "MPEG", Ohmsha, pages 69-132 1996	
	AU	ISO/IEC 15444-1 JPEG2000 part I: Core coding system, Annexes A-E, pages 57-114 2000	
	AV	HSIANG, Shih-Ta et al. "Embedded video coding using invertible motion compensated 3-D subband/wavelet filter bank", Signal Processing: Image Communication, vol. 16, pages 705-724 2001	
	AW	VAIDYANATHAN, P.P. "Multirate Systems and Filter Banks", Prentice Hall, pages 145-148, 816-848 1993	
	AX	ONO, F. et al. "Basic Technologies on International Image Coding Standards", CORONA Publishing, pages 71-97 1998	
	AY	AKUTSU, Yukie et al. "A Evaluation Measure of Resolution Conversions with Orthogonal Transform, Filter Bank or Wavelet Transform", Technical Report of IEICE, DSP93-26, pages 17-24, (with English abstract & partial English translation) 1993	
	AZ	ISO/IEC 13818-2 Generic Coding of Moving Pictures and Associated Audio, pages i-xii 1993	<input type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. PCT Application Serial No.: 10/512,075  
Docket No.: 261302US90PCT

#### STATEMENT OF RELEVANCY

- 1) References \_\_\_\_\_ have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.
- 2) References \_\_\_\_\_ have been cited in the corresponding \_\_\_\_\_ Search Report. A copy of these references is being submitted herewith.
- 3) References AT-AY are discussed in the specification. A copy of these references is being submitted here with.
- 4) Reference AZ is additional prior art known to Applicant. A copy of this reference is being submitted herewith.

AT - Edited by Institute of Image Information and Television Engineers, "MPEG", Ohmsha, pages 69-132, 1996:  
Includes general descriptions on MPEG-2 coding.

AX - ONO, F. et al. "Basic Technologies on International Image Coding Standards", CORONA Publishing, pages 71-97, 1998:  
Includes general descriptions on DFT, DST, DCT, subband encoding, and Wavelet encoding.

AZ - ISO/IEC 13818-2 Generic Coding of Moving Pictures and Associated Audio, pages i-xii, 1993:  
Excerpts from MPEG-2 standards.